

# OARS<sup>®</sup> HS

Soil Hydrating Surfactant

Improved Water  
Retention with  
Organic Acid  
Redistribution  
System



For more information, please contact your Regal Sales Representative.

[RegalChem.com](http://RegalChem.com)



# OARS<sup>®</sup> HS

## Soil Hydrating Surfactant

**OARS HS**, Soil Hydrating Surfactant, is a combination of the university researched, field proven, and patented organic acid redistribution system, OARS, and multi-branched hydrating chemistry. **OARS HS** controls soil water repellency while providing uniform soil moisture and increased soil moisture retention.

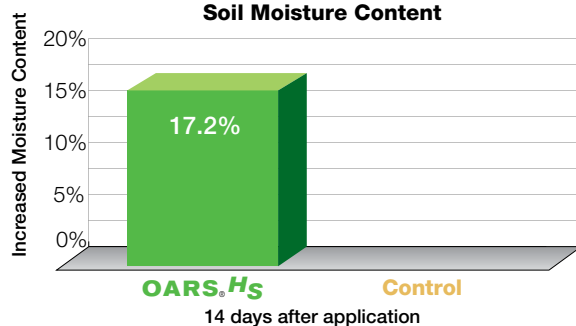
### FEATURES:

- OARS - Organic Acid Redistribution System
- Multi-branched hydrating soil surfactant
- Increases number of hydrating sites
- Increased length of activity in soil
- Money back guarantee

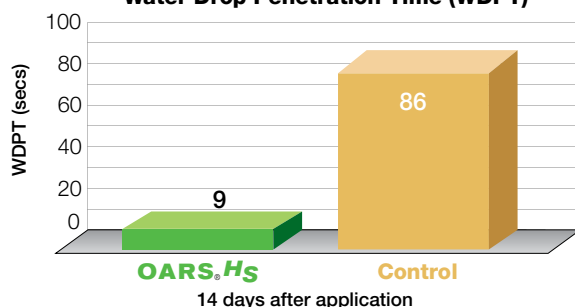
### BENEFITS:

- Removes humic coatings from hydrophobic soil particles
- Controls water repellency
- Hydrates the soil to improve moisture retention
- Reduces drought stress
- Consistent performance between applications to maintain adequate moisture in hard to wet soils

Effect of **OARS.HS** on  
Soil Moisture Content



Effect of **OARS.HS** on  
Water Drop Penetration Time (WDPT)



### COMPOSITION

**OARS HS**, Soil Hydrating Surfactant, is a non-toxic, biodegradable formulation of multi-branched surfactants and wetting agents and a humic acid solubilizing component.

#### Active Ingredients:

85.0% Octahydroxy polyoxyalkylene polymers  
7.5% Amine salt of alkyl substituted maleic acid

**OARS HS**, Soil Hydrating Surfactant, is available in 55, 30 and 2.5 gallon recyclable containers.\*

\*Check with your distributor for availability.

### APPLICATION RATES

#### Golf, Sports and Lawn Turf

Apply 4 to 5 ounces per 1,000 ft<sup>2</sup> in 2 gallons of water (13 to 16 L/ha in 800 L) at 30 day intervals. Drought conditions can be best managed by applying 2 to 2.5 ounces per 1,000 ft<sup>2</sup> in 2 gallons of water (6 to 8 L/ha in 800 L) at 15 day intervals.

For extreme drought conditions with high temperatures and/or increased soil water repellency, apply 6 to 8 ounces per 1,000 ft<sup>2</sup> in 2 gallons of water (20 to 25 L/ha in 800 L) at 30 day intervals.

Irrigate with sufficient water to deliver **OARS HS** to the soil profile - 1/8 inch (3 mm) or more recommended.

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